

**SYSTEM AND METHOD FOR IDENTIFYING  
BLOCK-LEVEL WRITE OPERATIONS TO BE TRANSFERRED TO A  
SECONDARY SITE DURING REPLICATION**

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**ABSTRACT OF THE DISCLOSURE**

**[0060]** A method involves generating a block-level write operation, which causes a value to be written to a primary volume, and generating information indicative of whether any of the block-level write operation should be transferred to a secondary site during replication of data in the primary volume. The information can indicate that all, part, or none of the block-level write operation should be transferred to the secondary site. If the information indicates that less than all of the block-level write operation should be transferred to a secondary site, the information can also indicate that logical information associated with the block-level write operation should be transferred to the secondary site instead of transferring the value being written by the block-level write operation.